

Title (en)  
METAL VAPOR LASER

Publication  
**EP 0291018 B1 19930908 (EN)**

Application  
**EP 88107512 A 19880510**

Priority  
• JP 11381687 A 19870511  
• JP 13669787 A 19870529  
• JP 14184587 A 19870605  
• JP 16709987 A 19870706  
• JP 17937587 A 19870717

Abstract (en)  
[origin: EP0291018A2] In a metal vapor laser, (e.g. copper vapor laser), the innermost heat shield (15) of Mo, Ta or W, which is disposed with a predetermined gap (preferably sufficiently larger than 0.3 mm) to the outer surface of the seal tube (8), is connected at respective ends to the anode terminal (2) and the anode (5), so that inductance of discharge load is considerably decreased.

IPC 1-7  
**H01S 3/03**

IPC 8 full level  
**H01S 3/03** (2006.01)

CPC (source: EP US)  
**H01S 3/031** (2013.01 - EP US)

Cited by  
EP0438227A3

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0291018 A2 19881117; EP 0291018 A3 19890524; EP 0291018 B1 19930908**; DE 3883837 D1 19931014; DE 3883837 T2 19940105; US 4815091 A 19890321

DOCDB simple family (application)  
**EP 88107512 A 19880510**; DE 3883837 T 19880510; US 19256588 A 19880511